

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet

Spring 2015 Levee Inspection Results

Eastern Honcut Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Eastern Honcut Creek

Waterway			Bank	Unit Miles
Unit No. 01 Van Tress			Left	1.46
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/26/2015 - 05/26/2015			
DWR Inspector	Michael Pitta			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start		Rating **	A	Issue No.	6		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_NA0006_01_s _ 2013_6						
Action/Comments							
Inspector Comments: The LMA has stated in the past that they do have access to flood fight supplies.							

No Photos

LM Start		Rating **	M	Issue No.	9		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_NA0006_01_s _ 2012_9						
Action/Comments							
Inspector Comments: The LMA does not regularly attend Flood Fight classes put on by DWR.							

No Photos

LM Start		Rating **	M	Issue No.	10		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_NA0006_01_s _ 2012_10						
Action/Comments							
Inspector Comments: No manual was available during the inspection.							

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	0.01	Rating **	M	Issue No.	24
LM End	0.01	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.298484 °	39.298484 °
				-121.569610 °	-121.569610 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14731 DS_ID:19167 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on landward side obstructs inspection. Vegetation needs to be cleared to perform utility crossing inspection. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through the levee 12.0 feet below the crown. Flap gate on waterward end. Originally included the O&M manual, 1953. FS Date: 05/01/2013					

No Photos

LM Start	0.07	Rating **	U	Issue No.	23
LM End	0.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.299162 °	39.299162 °
				-121.569041 °	-121.569041 °
DWR ID	DWR_NA0006_01_s_2015_23				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP_2015_NA0006_252_23_20150529_00016.jpg



View of the vegetation on the crown facing upstream.

LM Start	0.07	Rating **	M	Issue No.	21
LM End	0.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.299158 °	39.298192 °
				-121.569024 °	-121.561250 °
DWR ID	DWR_NA0006_01_s_2015_21				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	0.07	Rating **	U	Issue No.	19
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.299158 °	39.298019 °
				-121.569024 °	-121.559940 °
DWR ID	DWR_NA0006_01_s _ 2015_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.07	Rating **	M	Issue No.	20
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.299158 °	39.298019 °
				-121.569024 °	-121.559940 °
DWR ID	DWR_NA0006_01_s _ 2015_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.09	Rating **	M	Issue No.	25
LM End	0.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.299106 °	39.299106 °
				-121.568749 °	-121.568749 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14732 DS_ID:19168 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on waterward side and landward side obstructs inspection. Need to clear vegetation on slopes to conduct proper crossing evaluation. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 10 feet below the crown. Flap gate on the waterward end. Originally included in the O&M manual, 1953. FS Date: 05/01/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	0.22	Rating **	U	Issue No.	22
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298823 °	39.298823 °
				-121.566421 °	-121.566421 °
DWR ID	DWR_NA0006_01_s_2015_22				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_NA0006_252_22_20150529_00017.jpg



View of the vegetation on the waterside of the levee facing downstream.

LM Start	0.22	Rating **	U	Issue No.	16
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.298827 °	39.298827 °
				-121.566401 °	-121.566401 °
DWR ID	DWR_NA0006_01_f_2014_16				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trees should be trimmed up or removed to maintain visibility of landward levee slope.					

Photo 1 of 1 : SP_2015_NA0006_252_16_20150401_00007.jpg



This photo was taken from the crown facing west looking down the landward levee slope at trees that either need to be trimmed up or removed to provide slope visibility. Fall 2014.

LM Start	0.45	Rating **	U	Issue No.	15
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298283 °	39.298283 °
				-121.562021 °	-121.562021 °
DWR ID	DWR_NA0006_01_f_2014_15				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Berry bushes on waterward levee slope need to be trimmed back.					

Photo 1 of 1 : SP_2015_NA0006_252_15_20150401_00006.jpg



This photo was taken from the crown facing west looking down the waterward levee slope at berry bushes needing removal. Fall 2014.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	0.57	Rating **	M	Issue No.	18
LM End	1.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298018 °	39.295255 °
				-121.559941 °	-121.546436 °
DWR ID	DWR_NA0006_01_s _ 2015_18				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	0.57	Rating **	U	Issue No.	3
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298019 °	39.295255 °
				-121.559940 °	-121.546436 °
DWR ID	DWR_NA0006_01_s _ 2012_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_NA0006_252_3_20150529_00018.jpg



View of the vegetation on the waterside of the levee facing downstream.

LM Start	0.57	Rating **	M	Issue No.	1
LM End	1.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298018 °	39.295254 °
				-121.559940 °	-121.546437 °
DWR ID	DWR_NA0006_01_s _ 2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_NA0006_252_1_20150529_00019.jpg



View of the vegetation on the landside of the levee facing downstream.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	0.66	Rating **	M	Issue No.	17
LM End	1.45	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.297629 °	39.295257 °
				-121.558337 °	-121.546579 °
DWR ID	DWR_NA0006_01_s _ 2015_17				
Action/Comments					
Pole					

Photo 1 of 1 : SP_2015_NA0006_252_17_20150529_00013.jpg



View of the pole on the waterside of the levee facing downstream.

LM Start	0.67	Rating **	M	Issue No.	5
LM End	1.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.297472 °	39.295134 °
				-121.558327 °	-121.551805 °
DWR ID	DWR_NA0006_01_s _ 2012_5				
Action/Comments					
Ditch					

Photo 1 of 1 : SP_2015_NA0006_252_5_20150401_00004.jpg



Toe ditch parallel to levee @ w/s toe. Heavy vegetation in ditch.

LM Start	0.67	Rating **	M	Issue No.	8
LM End	1.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.297472 °	39.295261 °
				-121.558327 °	-121.546759 °
DWR ID	DWR_NA0006_01_s _ 2012_8				
Action/Comments					
Ditch					

Photo 1 of 1 : SP_2015_NA0006_252_8_20150401_00005.jpg



Levee mile 0.85, this photo is looking upstream at a ditch on the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	1.00	Rating **	M	Issue No.	26
LM End	1.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.295026 °	39.295026 °
				-121.555440 °	-121.555440 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14733 DS_ID:19172 EP_NO: 9610 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Scouring occurring directly across pipe on access road. Need to determine permit authorizing updates to crossing. Crossing appears to be no more than 10 years old. FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal irrigation pipe through the levee 6 feet below the crown. Slide gates are installed on waterward end of pipe (Permit No. 9610, 1974). Originally included in the O&M manual, 1953. FS Date: 05/01/2013					

No Photos

LM Start	1.19	Rating **	M	Issue No.	27
LM End	1.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.295099 °	39.295099 °
				-121.551839 °	-121.551839 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14734					
DS_ID:19174					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Recent repair will need to contact owner to follow-up.					
FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the					
level 10 feet below the crown. Flapgate on waterward side.					
FS Date: 05/01/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	05/26/2015 05/26/2015	Michael Pitta

LM Start	1.47	Rating **	M	Issue No.	28
LM End	1.47	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.295238 °	39.295238 °
				-121.546755 °	-121.546755 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14736 DS_ID:19169 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit authorizing work. FIELD_STRUCT_DESC: 18-inch corrugated metal pipe through the levee 8 feet below the crown. Slide gate on the landward end. Shot rock revetment on the landside near slide-gate. FS Date: 05/01/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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